## **ABSTRACT**

[0025] A composition for cleaning bearings in rotating equipment and industrial machinery that contains powdered limestone having a high calcium content dispersed in a calcium sulfonate grease, together with a colorant that readily enables a user to differentiate between contaminated grease, cleaning composition and fresh grease. A method is also disclosed that enables a user to clean and re-lubricate bearings without the need for removing the bearings from service or for shutting down the associated equipment or machinery.